Bruhat Bangalore Mahanagara Palike

Name of Work :Comprehensive development work in ward no 13

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Civil Work								
KSRRB M300-14. **Excavation for roadwork** in all types of soil by Machanical Means including cutting and loading to tippers,trimming bottom and side slopes, in accordance with requirements of lines,grades and cross sections, and transporting with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Page No-143 Item no - 19.1 of KPWD SR 2018-19). PW,P & IWTD SR 2018-19								
Basic rate	130.00							
6% AW	7.80							
Sub Total-1	137.80							
10km Lead & lift with Transport= (1.28*2.0*10)+57	82.60							
Sub Total	**220.40**							
CC Drain								
Ranga Mandhira	1	110.00	1.10	1.10	133.10			
Lake view Layout								
Lake view Main Road	2	35.00	1.10	1.10	84.70			
1st cross	2	80.00	1.10	1.10	193.60			
cross road	2	30.00	1.10	1.10	72.60			
For Kerb Stone	1	69.00	0.30	0.15	3.11			
					487.11	**Cum**	**220.40**	**107357.94**
KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18) PW,P & IWTD SR 2018-19								
Basic rate	5115.00							
6% AW	306.90							
Sub Total	**5421.90**							
CC Drain								
Ranga Mandhira	1	110.00	1.10	0.15	18.15			
Lake view Layout								
Lake view Main Road	2	35.00	1.10	0.15	11.55			
1st cross	2	80.00	1.10	0.15	26.40			
cross road	2	30.00	1.10	0.15	9.90			
For Kerb Stone	1	69.00	0.30	0.10	2.07			
CC Road								
Ranga Mandhira	1	42.00	30.00	0.15	189.00			

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Lake view Layout								
Lake view Main Road	1	30.00	6.00	0.15	27.00			
1st cross	1	87.00	5.80	0.15	75.69			
4th D Cross Ashwath Katte	1	45.00	6.40	0.15	43.20			
					402.96	**Cum**	**5421.90**	**2184808.82**
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271) PW,P & IWTD SR 2018-19								
Basic rate	6670.00							
6% AW	400.20							
Sub Total	**7070.20**							
For Drain Raft								
Ranga Mandhira	1	110.00	0.90	0.15	14.85			
Lake view Layout								
Lake view Main Road	2	35.00	0.90	0.15	9.45			
1st cross	2	80.00	0.90	0.15	21.60			
cross road	2	30.00	0.90	0.15	8.10			
For Wall								
Ranga Mandhira	2	110.00	0.15	0.60	19.80			
Lake view Layout								
Lake view Main Road	4	35.00	0.15	0.75	15.75			
1st cross	4	80.00	0.15	0.75	36.00			
cross road	4	30.00	0.15	0.75	13.50			
					139.05	**Cum**	**7070.20**	**983111.3**
KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 (I No-29.29.3,P No-239) PWD SR 2018-19								
Basic rate	70250.00							
6% AW	4215.00							
Sub Total	**74465.00**							
Consider 65kg/cum	1	139.05	65.00		9038.25			
Consider 7kg/Sqm for CC Road	1	1260.00	7.00		8820.00			

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
					17.86	Tn	74465.00	1329814.59
Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge. Data rate approved by SE, Dasarahalli								
For new rcc drain								
Ranga Mandhira	1	110.00	0.90		99.00			
Lake view Layout								
Lake view Main Road	2	35.00	0.90		63.00			
1st cross	2	80.00	0.90		144.00			
cross road	2	30.00	0.90		54.00			
					360.00	**Sqm**	**2208.00**	**794880.00**
Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete (P.No-27, I No-5.30) PWD SR 2018-19								
Basic rate	408.00							
6% AW	24.48							
Sub Total	**432.48**							
Ranga Mandhira								
New Kerb	1	69.00			69.00			
					153.00	**No's**	**432.48**	**66169.44**
KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications(I No-24.1,P No-180) PW,P & IWTD SR 2018-19								
Basic rate	80.00							
6% AW	4.80							
Sub Total	**84.80**							
Ranga Mandhira								
For Kerb Stone	1	69.00		0.40	27.60			
					27.60	**Sqm**	**84.80**	**2340.48**
Road Work								
KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (Page No-140 Item no - 18.47 of KPWD SR 2018-19)								
Basic rate	899.00							
6% AW	53.94							
Sub Total-1	952.94							

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
km Lead & lift with nsport= 28*2.0*10)+57	82.60							
Sub Total	**1035.54**							
Road								
h D Cross Ashwath Katte	1	45.00	6.40	0.20	57.60			
					57.60	**Cum**	**1035.54**	**59647.10**

SRRB M300-14. Excavation for roadwork in all types of soil by Machanical Means including itting and loading to tippers,trimming bottom and side slopes, in accordance with equirements of lines,grades and cross sections, and transporting with a lead of 1.00 km and omplete as per specifications. MORTH Specification No.301 (Page No-143 Item no - 19.14 of PWD SR 2018-19) PW,P & IWTD SR 2018-19

asic rate	41.00							
% AW	2.46							
ub Total-1	43.46							
6km Lead & lift with Transport= (1.28*2.0*10)	25.60							
Sub Total	**69.06**							
Ranga Mandhira	1	42.00	30.00	0.30	378.00			
Lake view Layout								
Lake view Main Road	1	30.00	6.00	0.30	54.00			
1st cross	1	87.00	5.80	0.30	151.38			
4th D Cross Ashwath Katte	1	45.00	6.40	0.30	86.40			
					669.78	**Cum**	**69.06**	**46255.01**

KSRRB 300-Compaction KSRRB 300-58. **Compaction of original ground** with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.(P.No. 147, I.No. 19.64) PW,P & IWTD SR 2018-19

Basic rate	6.00							
6% AW	0.36							
Sub Total	**6.36**							
CC Road								
Ranga Mandhira	1	42.00	30.00		1260.00			
Lake view Layout								
Lake view Main Road	1	30.00	6.00		180.00			
1st cross	1	87.00	5.80		504.60			
4th D Cross Ashwath Katte	1	45.00	6.40		288.00			
					2232.60	**Sqm**	**6.36**	**14199.34**

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KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No. 155.tem No.20.18,PW,P & IWTD SR 2018-19)

Basic rate	1888.00							
6% AW	113.28							
Sub Total	**2001.28**							
CC Road								
Ranga Mandhira	1	42.00	30.00	0.15	189.00			
Lake view Layout								
Lake view Main Road	1	30.00	6.00	0.15	27.00			
1st cross	1	87.00	5.80	0.15	75.69			
4th D Cross Ashwath Katte	1	45.00	6.40	0.15	43.20			
					334.89	**Cum**	**2001.28**	**670208.66**

Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Page No. 175.tem No.22.6.1,PW,P & IWTD SR 2018-19)

Basic rate	4916.00							
6% AW	294.96							
Sub Total	**5210.96**							
CC Road								
Ranga Mandhira	1	42.00	30.00	0.20	252.00			
Lake view Layout								
Lake view Main Road	1	30.00	6.00	0.15	27.00			
1st cross	1	87.00	5.80	0.15	75.69			
4th D Cross Ashwath Katte	1	45.00	6.40	0.15	43.20			
					397.89	**Cum**	**5210.96**	**2073388.8**

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
							Total Construction Cost	8332181.56
							GST Charges 12%	999861.79
							Sub Total	9332043.35
							Towords PMC cost	93000.00
							KRIDL Charges 4.5%	374948.17
							Utility Shifting,Miscellaneous and Rounding off	8.48
							GRAND TOTAL	9800000.00

(Rupees Ninety Eight Lakhs Only)

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates

Assistant Engineer
Ward no 13
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Executive Engineer,
Dasrahalli Division
BBMP Bangalore

ನಂ. EE/DD 13/178/18-19 ದಿನಾಂಕ : 20/02/2019
ರೂ. Rs. Ninety Eight Lakhs only (98.00) —1.—
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/02/TS/263/18-19 ದಿನಾಂಕ : 06/03/2019
ರೂ. 98.00 lakhs/- (Rs Ninty Eight lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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